

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 07:24:52 ON 10 NOV 2004

=> file reg  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY TOTAL  
SESSION  
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 07:25:39 ON 10 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9  
DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> logoff hold			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	2.94	3.15	

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 07:29:37 ON 10 NOV 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

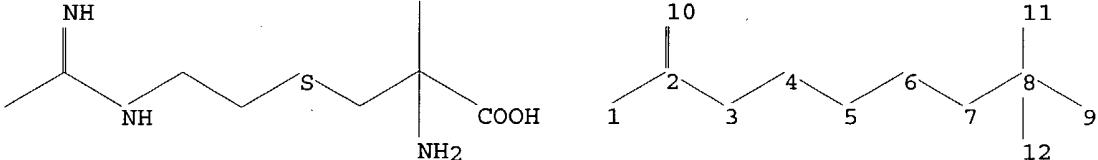
LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'REGISTRY' AT 07:31:58 ON 10 NOV 2004  
FILE 'REGISTRY' ENTERED AT 07:31:58 ON 10 NOV 2004  
COPYRIGHT (C) 2004 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	2.94	3.15	

=>  
Uploading C:\Examination Auxillary files\10815375\10815375 core structure.str



```
exact bonds :  
1-2 4-5 7-8 8-9 8-11
```

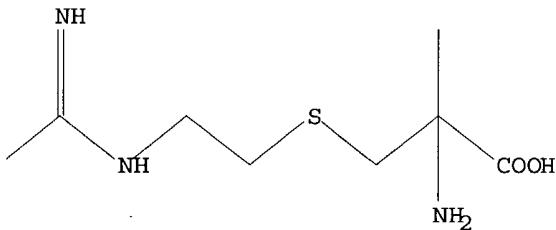
```
Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:CLASS 12:CLASS
```

```
L1      STRUCTURE UPLOADED
```

```
=> d 1;1  
L1 HAS NO ANSWERS  
'L' IS NOT A VALID STRUCTURE FORMAT KEYWORD  
Structure Formats  
SIA ----- Structure Image, Attributes, and map table if it contains  
data. (Default)  
SIM ----- Structure IMage.  
SAT ----- Structure ATtributes and map table if it contains data.  
SCT ----- Structure Connection Table and map table if it contains  
data.  
SDA ----- All Structure DAta (image, attributes, connection table and  
map table if it contains data).  
NOS ----- NO Structure data.  
ENTER STRUCTURE FORMAT (SIM), NOS:end
```

```
SYSTEM LIMITS EXCEEDED - SEARCH ENDED  
The search profile you entered was too complex or gave too many  
answers. Simplify or subdivide the query and try again. If you have  
exceeded the answer limit, enter DELETE HISTORY at an arrow prompt  
(=>) to remove all previous answers sets and begin at L1. Use the  
SAVE command to store any important profiles or answer sets before  
using DELETE HISTORY.
```

```
=> d 11  
L1 HAS NO ANSWERS  
L1      STR
```



```
Structure attributes must be viewed using STN Express query preparation.
```

```
=> search l1 sss sam  
SAMPLE SEARCH INITIATED 07:32:43 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 12 TO ITERATE
```

```
100.0% PROCESSED 12 ITERATIONS 9 ANSWERS  
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**  
BATCH    **COMPLETE**  
PROJECTED ITERATIONS: 33 TO 447  
PROJECTED ANSWERS: 9 TO 360
```

L2

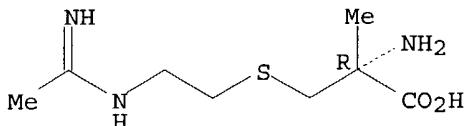
9 SEA SSS SAM L1

=> d scan

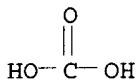
L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-, carbonate (1:1)  
(9CI)  
MF C8 H17 N3 O2 S . C H2 O3

CM 1

Absolute stereochemistry.



CM 2

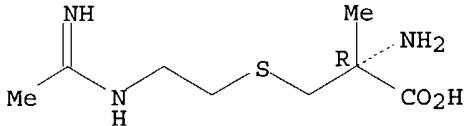


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

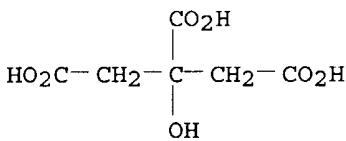
L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-,  
2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI)  
MF C8 H17 N3 O2 S . C6 H8 O7

CM 1

Absolute stereochemistry.



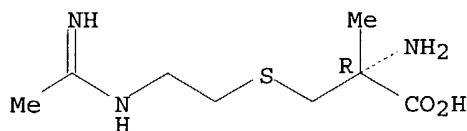
CM 2



L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-,  
(2S,3S)-2,3-dihydroxybutanedioate (1:1) (9CI)  
MF C8 H17 N3 O2 S . C4 H6 O6

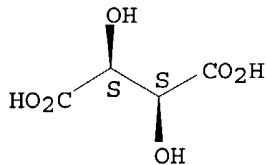
CM 1

Absolute stereochemistry.



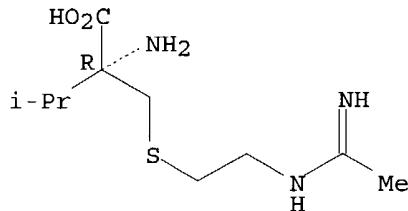
CM 2

Absolute stereochemistry.



L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN D-Isovaline, 2'-(2-[(1-iminoethyl)amino]ethyl)thio]-3-methyl-,  
dihydrochloride (9CI)  
MF C10 H21 N3 O2 S . 2 Cl H

Absolute stereochemistry.

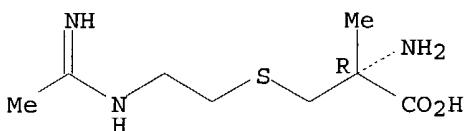


● 2 HCl

L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-, compd. with  
L-ascorbic acid (1:1) (9CI)  
MF C8 H17 N3 O2 S . C6 H8 O6

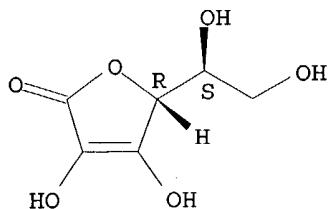
CM 1

Absolute stereochemistry.



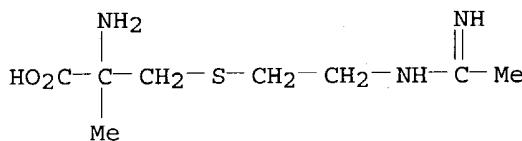
CM 2

Absolute stereochemistry.

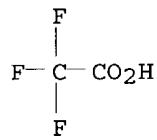


L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-,  
bis(trifluoroacetate) (9CI)  
MF C8 H17 N3 O2 S . 2 C2 H F3 O2

CM 1



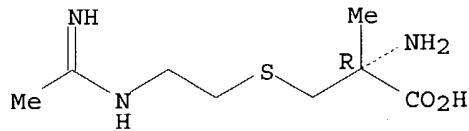
CM 2



L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-,  
(2R)-hydroxybutanedioate (20:11) (9CI)  
MF C8 H17 N3 O2 S . 11/20 C4 H6 O5

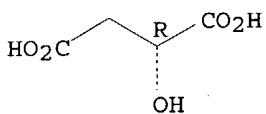
CM 1

Absolute stereochemistry.



CM 2

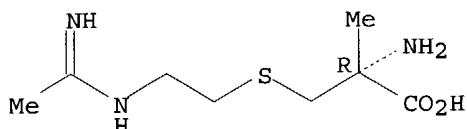
Absolute stereochemistry.



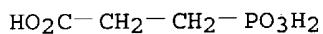
L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-,  
 mono(3-phosphonopropanoate) (9CI)  
 MF C8 H17 N3 O2 S . C3 H7 O5 P

CM 1

Absolute stereochemistry.



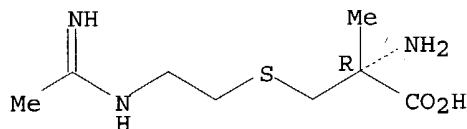
CM 2



L2 9 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN L-Cysteine, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-, monohydrochloride  
 mono[(2S)-2-hydroxypropanoate] (9CI)  
 MF C8 H17 N3 O2 S . C3 H6 O3 . Cl H

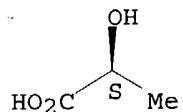
CM 1

Absolute stereochemistry.



CM 2

Absolute stereochemistry. Rotation (+).



ALL ANSWERS HAVE BEEN SCANNED

```
=> search 11 sss full
FULL SEARCH INITIATED 07:34:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 181 TO ITERATE
```

100.0% PROCESSED 181 ITERATIONS  
SEARCH TIME: 00.00.01

164 ANSWERS

L3 164 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
159.62 159.83

FILE 'CAPLUS' ENTERED AT 07:34:26 ON 10 NOV 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Nov 2004 VOL 141 ISS 20  
FILE LAST UPDATED: 8 Nov 2004 (20041108/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l3  
L4 15 L3

=> d 14 1-15 ti

L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Exchanger for selectively removing counterions from compounds and compounds derived from the methods for pharmaceutical applications

L4 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine maleate hydrochloride crystalline salt

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine maleate form II crystalline salt

L4 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine maleate form II crystalline salt

L4 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine salicylate monohydrate crystalline salt

L4 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Solid dispersions comprising a hygroscopic and/or deliquescent drug

L4 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Non-hygroscopic formulation comprising a hygroscopic drug

L4 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of 2,7-diamino-5-heptenoic acid derivatives for the treatment and prevention of gastrointestinal conditions

L4 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amino acid derivatives and methods for the treatment of respiratory diseases and conditions using a selective iNOS inhibitor

L4 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amino acid derivatives in methods for the treatment of respiratory diseases and conditions with a selective iNOS inhibitor and a PDE inhibitor

L4 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amino acid derivatives as selective nitric oxide synthase inhibitors for ophthalmol. treatment

L4 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amino acid derivatives as selective nitric oxide synthase inhibitors for neuroprotective treatment

L4 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of 2,7-diamino-5-heptenoic acid derivatives for the treatment of cancer

L4 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amidino compounds useful as nitric oxide synthase inhibitors

L4 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amidino compounds useful as nitric oxide synthase inhibitors

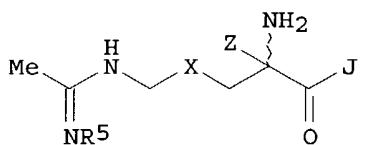
=> d 14 12-15 ti fbib abs

L4 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amino acid derivatives as selective nitric oxide synthase inhibitors for neuroprotective treatment  
 AN 2003:261658 CAPLUS  
 DN 138:287965  
 TI Preparation of amino acid derivatives as selective nitric oxide synthase inhibitors for neuroprotective treatment  
 IN Manning, Pamela T.; Connor, Jane R.  
 PA Pharmacia Corporation, USA  
 SO PCT Int. Appl., 185 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003026638	A1	20030403	WO 2002-US30214	20020924
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2001-961521	A 20010924
	US 2003119826	A1	20030626	US 2001-961521	20010924

EP 1429752 A1 20040623 EP 2002-761804 20020924  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 US 2001-961521 A 20010924  
 WO 2002-US30214 W 20020924

OS MARPAT 138:287965  
 GI



**AB** The acetamidino amino acid derivs. I [R5 = H, or OH; X = CR1:CR2CH2, CR1:CR2, CH2CR1:CR2, C.tplbond.C, CH2C.tplbond.C, C.tplbond.CCH2; R1, R2 = H, halo, alkyl, or haloalkyl; with the proviso that at least one of R1 or R2 contains halo; Z = H, (un)substituted alkyl, alkoxy, or halo; J = H, OH, alkoxy, NR3R4; R3 = H, alkyl, alkenyl, alkynyl; R4 = H, or (un)substituted heterocyclyl] and related 7-iminohexahydro-2-azepinyl derivs. were prepared as selective nitric oxide synthase inhibitors for the prevention and treatment of neurodegenerative conditions. Thus, (2S,5E)-2-amino-6-fluoro-7-[(1-iminoethyl)amino]-5-heptenoic acid dihydrochloride prepared by a multistep procedure starting from L-glutamic acid inhibited the LPS-induced increase in plasma nitrite/nitrate levels with an observed ED50 value of <0.1 mg/kg demonstrating the ability to inhibit inducible nitric oxide synthase activity *in vivo*.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of 2,7-diamino-5-heptenoic acid derivatives for the treatment of cancer  
 AN 2002:754159 CAPLUS  
 DN 137:263297  
 TI Preparation of 2,7-diamino-5-heptenoic acid derivatives for the treatment of cancer  
 IN Manning, Pamela T.; Connor, Jane R.; Seibert, Karen; Rao, Chinthalapally V.; Reddy, Bandaru S.  
 PA Pharmacia Corporation, USA  
 SO PCT Int. Appl., 295 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002076395	A2	20021003	WO 2002-US8938	20020321
	WO 2002076395	A3	20040812		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		US 2001-278512P	P 20010323
				US 2001-961969	A 20010924
	US 2003013702	A1	20030116	US 2001-961969	20010924

EP 1463495	A2	20041006	US 2001-278512P	P 20010323
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		EP 2002-717708	20020321	
		US 2001-278512P	P 20010323	
		US 2001-961969	A 20010924	
		WO 2002-US8938	W 20020321	

OS MARPAT 137:263297

AB Agents and methods for chemoprevention and treatment of neoplasia are described, the agents including a selective inhibitor of inducible nitric oxide synthase and a combination of a selective inhibitor of inducible nitric oxide synthase and an inhibitor of cyclooxygenase-2 in a pharmaceutical composition 2,7-Diamino-5-heptenoic acid derivs.

R7N:CMeNHCH<sub>2</sub>CR1:CR<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH(NH<sub>2</sub>)C(O)J [R<sub>1</sub>, R<sub>2</sub> = H, halo, alkyl, haloalkyl (at least one of R<sub>1</sub> or R<sub>2</sub> contains halogen); R<sub>7</sub> = H, OH, J = OH, alkoxy, NR<sub>3</sub>R<sub>4</sub>, where R<sub>3</sub> = H, alkyl, alkenyl, alkynyl and R<sub>4</sub> = H, (un)substituted heterocycl] or their pharmaceutically-acceptable salts are among the compds. claimed. Thus, (2S,5E)-2-amino-6-fluoro-7-[(1-iminoethyl)amino]-5-heptenoic acid dihydrochloride was prepared by a multistep procedure starting from L-glutamic acid and showed IC<sub>50</sub> values 0.36, 68, 3.6, and 0.1 μM in hiNOS, hecNOS, and human cartilage assays, resp.

L4 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of amidino compounds useful as nitric oxide synthase inhibitors

AN 2001:730698 CAPLUS

DN 135:289056

TI Preparation of amidino compounds useful as nitric oxide synthase inhibitors

IN Webber, Ronald Keith; Awasthi, Alok K.; Bergmanis, Arija A.; Durley, Richard C.; Ganser, Scott S.; Hagen, Timothy J.; Hallinan, Ann E.; Hansen, Donald W.; Hickory, Brian S.; Moormann, Alan E.; Pitzele, Barnett S.; Promo, Michelle A.; Schartman, Richard R.; Snyder, Jeffrey S.; Trivedi, Mahima; Tsybalov, Sofya

PA Pharmacia Corporation, USA

SO PCT Int. Appl., 144 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001072703	A1	20011004	WO 2001-US9433	20010323
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 2000-191923P	P 20000324
US	2002019563	A1	20020214	US 2001-816577	20010323
US	6403830	B2	20020611		
				US 2000-191923P	P 20000324
US	2002111493	A1	20020815	US 2001-816575	20010323
US	6586474	B2	20030701		
				US 2000-191923P	P 20000324
EP	1265860	A1	20021218	EP 2001-922636	20010323
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				US 2000-191923P	P 20000324
				WO 2001-US9433	W 20010323
BR	2001009386	A	20030415	BR 2001-9386	20010323

			US 2000-191923P	P 20000324
			WO 2001-US9433	W 20010323
ZA 2002006459	A 20030813		ZA 2002-6459	20010323
			US 2000-191923P	P 20000324
JP 2003528853	T2 20030930		JP 2001-570616	20010323
			US 2000-191923P	P 20000324
			WO 2001-US9433	W 20010323
NZ 520812	A 20040430		NZ 2001-520812	20010323
			US 2000-191923P	P 20000324
			WO 2001-US9433	W 20010323
ZA 2002006455	A 20030813		ZA 2002-6455	20020813
			US 2000-191923P	P 20000324
US 2003199701	A1 20031023		US 2002-321969	20021217
			US 2000-191923P	P 20000324
			US 2001-816575	P 20000324
US 2004186178	A1 20040923		US 2004-815375	A3 20010323
			US 2000-191923P	20040401
			US 2001-816575	P 20000324
			US 2002-321969	A3 20010323
				B3 20021217

PATENT FAMILY INFORMATION:

FAN 2001:730697

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001072702	A2	20011004	WO 2001-US9431	20010323
	WO 2001072702	A3	20020919		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 2000-191923P	P 20000324
	US 2002019563	A1	20020214	US 2001-816577	20010323
	US 6403830	B2	20020611		
				US 2000-191923P	P 20000324
	US 2002111493	A1	20020815	US 2001-816575	20010323
	US 6586474	B2	20030701		
				US 2000-191923P	P 20000324
	EP 1265859	A2	20021218	EP 2001-920718	20010323
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				US 2000-191923P	P 20000324
				WO 2001-US9431	W 20010323
	ZA 2002006459	A	20030813	ZA 2002-6459	20010323
				US 2000-191923P	P 20000324
	JP 2003528852	T2	20030930	JP 2001-570615	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9431	W 20010323
	NZ 520813	A	20040528	NZ 2001-520813	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9431	W 20010323
	ZA 2002006455	A	20030813	ZA 2002-6455	20020813
				US 2000-191923P	P 20000324
	US 2003199701	A1	20031023	US 2002-321969	20021217
				US 2000-191923P	P 20000324
				US 2001-816575	A3 20010323
	US 2004186178	A1	20040923	US 2004-815375	20040401
				US 2000-191923P	P 20000324
				US 2001-816575	A3 20010323
				US 2002-321969	B3 20021217

OS MARPAT 135:289056

AB The invention relates to S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-

cysteine (1) or its pharmaceutically acceptable salts for use as nitric oxide synthase (NOS) inhibitors. Thus, 1.2HCl was prepared by a multistep procedure involving S-alkylation of (2R)-2-methyl-L-cysteine hydrochloride with Boc-NHCH<sub>2</sub>CH<sub>2</sub>Br (Boc = tert-butoxycarbonyl), deprotection, condensation with Et acetimidate hydrochloride, and acidolysis with 1 N HCl. (2R)-2-methyl-L-cysteine hydrochloride was obtained from (R)-cysteine Me ester hydrochloride. Inhibitory assays for compound 1.2HCl showed hNOS, hecNOS, hncNOS, and human cartilage IC<sub>50</sub> values 3.1, 77, 15 μM, and 0.7 μM, resp.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preparation of amidino compounds useful as nitric oxide synthase inhibitors  
 AN 2001:730697 CAPLUS  
 DN 135:273215  
 TI Preparation of amidino compounds useful as nitric oxide synthase inhibitors  
 IN Webber, Ronald Keith; Awasthi, Alok K.; Bergmanis, Arijja A.; Durley, Richard C.; Fok, Kam F.; Ganser, Scott S.; Hagen, Timothy J.; Hallinan, Ann E.; Hansen, Donald W.; Hickory, Brian S.; Manning, Pamela T.; Mao, Michael; Moormann, Alan E.; Pitzele, Barnett S.; Promo, Michelle A.; Schartman, Richard R.; Scholten, Jeffrey A.; Snyder, Jeffrey S.; Toth, Mihaly V.; Trivedi, Mahima; Tsymbalov, Sofya; Tjoeng, Foe Siong  
 PA Pharmacia Corporation, USA  
 SO PCT Int. Appl., 159 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 2					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001072702	A2	20011004	WO 2001-US9431	20010323
	WO 2001072702	A3	20020919		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 2000-191923P	P 20000324
	US 2002019563	A1	20020214	US 2001-816577	20010323
	US 6403830	B2	20020611		
				US 2000-191923P	P 20000324
	US 2002111493	A1	20020815	US 2001-816575	20010323
	US 6586474	B2	20030701		
				US 2000-191923P	P 20000324
EP	1265859	A2	20021218	EP 2001-920718	20010323
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2000-191923P	P 20000324
				WO 2001-US9431	W 20010323
	ZA 2002006459	A	20030813	ZA 2002-6459	20010323
				US 2000-191923P	P 20000324
	JP 2003528852	T2	20030930	JP 2001-570615	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9431	W 20010323
	NZ 520813	A	20040528	NZ 2001-520813	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9431	W 20010323
	ZA 2002006455	A	20030813	ZA 2002-6455	20020813

US 2003199701	A1	20031023	US 2000-191923P US 2002-321969 US 2000-191923P US 2001-816575	P 20000324 20021217 P 20000324 A3 20010323
US 2004186178	A1	20040923	US 2004-815375 US 2000-191923P US 2001-816575 US 2002-321969	20040401 P 20000324 A3 20010323 B3 20021217

PATENT FAMILY INFORMATION:

FAN 2001:730698

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001072703	A1	20011004	WO 2001-US9433	20010323
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			US 2000-191923P	P 20000324
	US 2002019563	A1	20020214	US 2001-816577	20010323
	US 6403830	B2	20020611		
	US 2002111493	A1	20020815	US 2000-191923P	P 20000324
	US 6586474	B2	20030701	US 2001-816575	20010323
	EP 1265860	A1	20021218	US 2000-191923P	P 20000324
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			EP 2001-922636	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9433	W 20010323
	BR 2001009386	A	20030415	BR 2001-9386	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9433	W 20010323
	ZA 2002006459	A	20030813	ZA 2002-6459	20010323
				US 2000-191923P	P 20000324
	JP 2003528853	T2	20030930	JP 2001-570616	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9433	W 20010323
	NZ 520812	A	20040430	NZ 2001-520812	20010323
				US 2000-191923P	P 20000324
				WO 2001-US9433	W 20010323
	ZA 2002006455	A	20030813	ZA 2002-6455	20020813
				US 2000-191923P	P 20000324
	US 2003199701	A1	20031023	US 2002-321969	20021217
				US 2000-191923P	P 20000324
				US 2001-816575	A3 20010323
	US 2004186178	A1	20040923	US 2004-815375	20040401
				US 2000-191923P	P 20000324
				US 2001-816575	A3 20010323
				US 2002-321969	B3 20021217

OS MARPAT 135:273215

AB Amidino compds. R11N:CR13NR12CR9R10CR1R7-X-CR5R6CR2 (NR3R4)COR8 [X = S, SO<sub>2</sub>; R1, R5, R6, R7 = H, halo, alkyl (alkyl and other groups may be substituted), alkenyl, alkynyl, alkoxyalkyl; R2 = alkyl, alkenyl, alkynyl, alkoxyalkyl, alkylthioalkyl; R3 = H, OH, CHO, alkanoyl, CO<sub>2</sub>H, C(O)SH or alkyl esters; R8 = OH, alkoxy, an amino or alkylamino group or R3 and R8 may form a ring; R4 = H, CO<sub>2</sub>H, carbalkoxy; R9, R10 = H, alkyl, alkenyl, alkynyl, alkoxyalkyl; R11, R12 = H, OH, CO<sub>2</sub>H, C(O)SH or esters or R11 and R12 may form a ring; R13 = alkyl (with provisos)] or their salts were prepared as nitric oxide synthase (NOS) inhibitors. Thus, S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine dihydrochloride (1)

was prepared by a multistep procedure involving S-alkylation of (2R)-2-methyl-L-cysteine hydrochloride with Boc-NHCH<sub>2</sub>CH<sub>2</sub>Br (Boc = tert-butoxycarbonyl), deprotection, condensation with Et acetimidate hydrochloride, and acidolysis with 1 N HCl. (2R)-2-methyl-L-cysteine hydrochloride was obtained from (R)-cysteine Me ester hydrochloride. Inhibitory assays for compound 1 showed hiNOS, hecNOS, hncNOS, and human cartilage IC<sub>50</sub> values 3.1, 77, 15 μM, and 0.7 μM, resp.

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
---------------------	------------------

FULL ESTIMATED COST

28.33	188.16
-------	--------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
---------------------	------------------

CA SUBSCRIBER PRICE

-2.80	-2.80
-------	-------

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 07:35:50 ON 10 NOV 2004

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	311636	beams	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L2	11	nitic adj oxide	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L3	10811	nitric adj oxide	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L4	6072	amidino	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L5	151	amidino and (nitric adj oxide)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L6	138	548/316.7	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L7	259	560/153.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L8	432	560/147.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L9	136	560/149.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L10	911	548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L11	30345	cysteine	USPAT	OR	OFF	2004/11/10 07:56
L12	0	"9962875".pn.	USPAT	OR	OFF	2004/11/10 07:56
L13	0	"9962875".pn.	USPAT	OR	OFF	2004/11/10 07:56
L14	2	("6403830").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L15	2	("6355689").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L16	2	"9313055".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56

L17	186	beams and (nitric adj oxide)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L18	1	"5863931".PN.	USPAT	OR	OFF	2004/11/10 07:56
L19	1	"5684008".PN.	USPAT	OR	OFF	2004/11/10 07:56
L20	3	"9525717".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L21	1	"9324126".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L22	39	(amidino and (nitric adj oxide)) and cysteine	USPAT	OR	OFF	2004/11/10 07:56
L23	1	"5854234".pn.	USPAT	OR	OFF	2004/11/10 07:56
L24	12	(nitric adj oxide) and (548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L25	1	"6046211" .pn.	USPAT	OR	OFF	2004/11/10 07:56
L26	1	"5674894".pn.	USPAT	OR	OFF	2004/11/10 07:56
L27	3	"9962875".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L28	2	("6355689").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L29	2	("6403830").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L30	3	"2000044731".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L31	9	(nitric adj oxide) and 562/557.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 07:56
L32	1	"5863931".PN.	USPAT	OR	OFF	2004/11/10 07:56
L33	1	"5889056".PN.	USPAT	OR	OFF	2004/11/10 07:56
L34	1	"2049582".PN.	USPAT	OR	OFF	2004/11/10 07:56
L35	1	"4085217".PN.	USPAT	OR	OFF	2004/11/10 07:56

L36	241	562/557.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 07:56
L37	248	564/197.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L38	843	514/562.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L39	311636	beams	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L40	11	nitic adj oxide	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L41	10811	nitric adj oxide	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L42	6072	amidino	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L43	151	amidino and (nitric adj oxide)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L44	138	548/316.7	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L45	259	560/153.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L46	432	560/147.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L47	136	560/149.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L48	911	548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L49	30345	cysteine	USPAT	OR	OFF	2004/11/10 07:56
L50	0	"9962875".pn.	USPAT	OR	OFF	2004/11/10 07:56
L51	0	"9962875".pn.	USPAT	OR	OFF	2004/11/10 07:56
L52	248	564/197.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56

L53	843	514/562.ccls.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L54	1	"5863931".PN.	USPAT	OR	OFF	2004/11/10 07:56
L55	1	"5684008".PN.	USPAT	OR	OFF	2004/11/10 07:56
L56	1	"9324126".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L57	1	"5854234".pn.	USPAT	OR	OFF	2004/11/10 07:56
L58	1	"6046211" .pn.	USPAT	OR	OFF	2004/11/10 07:56
L59	1	"5674894".pn.	USPAT	OR	OFF	2004/11/10 07:56
L60	1	"5863931".PN.	USPAT	OR	OFF	2004/11/10 07:56
L61	1	"5889056".PN.	USPAT	OR	OFF	2004/11/10 07:56
L62	1	"2049582".PN.	USPAT	OR	OFF	2004/11/10 07:56
L63	1	"4085217".PN.	USPAT	OR	OFF	2004/11/10 07:56
L64	2	("6403830").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L65	2	("6355689").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L66	2	"9313055".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L67	3	"9525717".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L68	39	(amidino and (nitric adj oxide)) and cysteine	USPAT	OR	OFF	2004/11/10 07:56
L69	12	(nitric adj oxide) and (548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L70	3	"9962875".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L71	2	("6355689").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L72	2	("6403830").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56

L73	3	"2000044731".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L74	9	(nitric adj oxide) and 562/557.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 07:56
L75	186	beams and (nitric adj oxide)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 07:56
L76	241	562/557.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 07:56
L77	5	"6586474"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 07:56
L78	2	"6586474".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 07:56
L79	13	US-5132453-\$ DID. OR US-5684008-\$. DID. OR US-5830917-\$ DID. OR US-5854251-\$ DID. OR US-5863931-\$. DID. OR US-5919787-\$ DID. OR US-5945408-\$ DID. OR US-5981511-\$. DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 08:35

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	311636	beams	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
2	BRS	L2	11	nitic adj oxide	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
3	BRS	L3	10811	nitric adj oxide	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
4	BRS	L4	6072	amidino	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
5	BRS	L5	151	amidino and (nitric adj oxide)	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
6	BRS	L6	138	548/316.7	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
7	BRS	L7	259	560/153.ccls.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
8	BRS	L8	432	560/147.ccls.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	

9	BRS	L9	136	560/149.ccls.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
---	-----	----	-----	---------------	---------------------------------------	---------------------	--

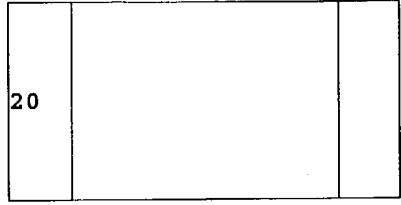
	Error Definition	Errors
1		
2		
3		
4		
5		
6		
7		
8		

9		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
10	BRS	L10	911	548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
11	BRS	L11	30345	cysteine	USPAT	2004/11/10 07:56	
12	BRS	L12	0	"9962875".pn.	USPAT	2004/11/10 07:56	
13	BRS	L13	0	"9962875".pn.	USPAT	2004/11/10 07:56	
14	BRS	L37	248	564/197.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
15	BRS	L38	843	514/562.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
16	BRS	L39	311636	beams	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
17	BRS	L40	11	nitic adj oxide	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
18	BRS	L41	10811	nitric adj oxide	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
19	BRS	L42	6072	amidino	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	

20	BRS	L43	151	amidino and (nitric adj oxide)	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
----	-----	-----	-----	-----------------------------------	---------------------------------------	---------------------	--

	Error Definition	Errors
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		



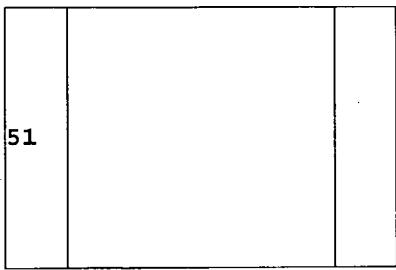
	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
21	BRS	L44	138	548/316.7	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
22	BRS	L45	259	560/153.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
23	BRS	L46	432	560/147.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
24	BRS	L47	136	560/149.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
25	BRS	L48	911	548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
26	BRS	L49	30345	cysteine	USPAT	2004/11/10 07:56	
27	BRS	L50	0	"9962875".pn.	USPAT	2004/11/10 07:56	
28	BRS	L51	0	"9962875".pn.	USPAT	2004/11/10 07:56	
29	BRS	L52	248	564/197.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
30	BRS	L53	843	514/562.ccls.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
31	BRS	L18	1	"5863931".PN.	USPAT	2004/11/10 07:56	
32	BRS	L19	1	"5684008".PN.	USPAT	2004/11/10 07:56	

	Error Definition	Errors
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
33	BRS	L21	1	"9324126".pn.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
34	BRS	L23	1	"5854234".pn.	USPAT	2004/11/10 07:56	
35	BRS	L25	1	"6046211" .pn.	USPAT	2004/11/10 07:56	
36	BRS	L26	1	"5674894".pn.	USPAT	2004/11/10 07:56	
37	BRS	L32	1	"5863931".PN.	USPAT	2004/11/10 07:56	
38	BRS	L33	1	"5889056".PN.	USPAT	2004/11/10 07:56	
39	BRS	L34	1	"2049582".PN.	USPAT	2004/11/10 07:56	
40	BRS	L35	1	"4085217".PN.	USPAT	2004/11/10 07:56	
41	BRS	L54	1	"5863931".PN.	USPAT	2004/11/10 07:56	
42	BRS	L55	1	"5684008".PN.	USPAT	2004/11/10 07:56	
43	BRS	L56	1	"9324126".pn.	USPAT; EPO; JPO; DERWENT	2004/11/10 07:56	
44	BRS	L57	1	"5854234".pn.	USPAT	2004/11/10 07:56	
45	BRS	L58	1	"6046211" .pn.	USPAT	2004/11/10 07:56	
46	BRS	L59	1	"5674894".pn.	USPAT	2004/11/10 07:56	
47	BRS	L60	1	"5863931".PN.	USPAT	2004/11/10 07:56	
48	BRS	L61	1	"5889056".PN.	USPAT	2004/11/10 07:56	
49	BRS	L62	1	"2049582".PN.	USPAT	2004/11/10 07:56	
50	BRS	L63	1	"4085217".PN.	USPAT	2004/11/10 07:56	

51	IS&R	L14	2	("6403830") . PN.	USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
----	------	-----	---	-------------------	-------------------------------------------------	---------------------	--

	Error Definition	Errors
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		



	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
52	IS&R	L15	2	("6355689") . PN.	USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
53	BRS	L16	2	"9313055".pn.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
54	BRS	L20	3	"9525717".pn.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
55	BRS	L22	39	(amidino and (nitric adj oxide)) and cysteine	USPAT	2004/11/10 07:56	
56	BRS	L24	12	(nitric adj oxide) and (548/316.7 or 560/153.cccls. or 560/147.cccls. or 560/149.cccls.)	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
57	BRS	L27	3	"9962875".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
58	IS&R	L28	2	("6355689") . PN.	USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	

59	IS&R	L29	2	("6403830") . PN.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
----	------	-----	---	-------------------	------------------------------------------------------------------	---------------------	--

	Error Definition	Errors
52		
53		
54		
55		
56		
57		
58		

59		
----	--	--

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
60	BRS	L30	3	"2000044731".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
61	BRS	L31	9	(nitric adj oxide) and 562/557.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
62	IS&R	L64	2	("6403830") .PN.	USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
63	IS&R	L65	2	("6355689") .PN.	USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
64	BRS	L66	2	"9313055".pn.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
65	BRS	L67	3	"9525717".pn.	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
66	BRS	L68	39	(amidino and (nitric adj oxide)) and cysteine	USPAT	2004/11/10 07:56	
67	BRS	L69	12	(nitric adj oxide) and (548/316.7 or 560/153.ccls. or 560/147.ccls. or 560/149.ccls.)	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	

	Error Definition	Errors
60		
61		
62		
63		
64		
65		
66		
67		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
68	BRS	L70	3	"9962875".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
69	IS&R	L71	2	("6355689").PN.	USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
70	IS&R	L72	2	("6403830").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2004/11/10 07:56	
71	BRS	L73	3	"2000044731".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
72	BRS	L74	9	(nitric adj oxide) and 562/557.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
73	BRS	L77	5	"6586474"	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	

	Error Definition	Errors
68		
69		
70		
71		
72		
73		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
74	BRS	L78	2	"6586474".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
75	BRS	L17	186	beams and (nitric adj oxide)	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
76	BRS	L75	186	beams and (nitric adj oxide)	USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
77	BRS	L36	241	562/557.cc1s.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
78	BRS	L76	241	562/557.cc1s.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 07:56	
79	BRS	L79	13	US-5132453-\$ DID. OR US- 5684008-\$ DID. OR US- 5830917-\$ DID. OR US- 5854251-\$ DID. OR US- 5863931-\$ DID. OR US- 5919787-\$ DID. OR US- 5945408-\$ DID. OR US- 5981511-\$ DID.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2004/11/10 08:35	

	Error Definition	Errors
74		
75		
76		
77		
78		
79		